

Serial No. 10/087757

*B1*  
*comcl 8.*

a plurality of balls of a first row interposed between a first inner ring raceway formed on an outer periphery of the inner ring and a first outer ring raceway formed on an inner periphery of the outer ring member,

10 a plurality of balls of a second row interposed between a second inner ring raceway formed directly on an outer periphery of the shaft and a second outer ring raceway formed on an inner periphery of the outer ring member, and

15 a low expansion ring press fit around an outer periphery of the outer ring member, wherein the low expansion ring is made of a material having a coefficient of linear expansion which is lower than the coefficient of linear expansion of the outer ring member, and

the inner ring is secured on the shaft with applying an appropriate amount of preload thereon.

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*B2*

5 (Twice Amended). A motor having a rotational member rotatably supported through a bearing device provided on a base member thereof, said bearing device including:

a shaft to which an inner ring is fit slidably therearound,  
5 a cylindrical outer ring member surrounding the shaft,  
a plurality of balls of a first row interposed between a first inner ring raceway formed on an outer periphery of the inner ring and a first outer ring raceway formed on an inner periphery of the outer ring member,

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*B2  
Concl'd.*  
10 a plurality of balls of a second row interposed between a second inner ring raceway formed directly on an outer periphery of the shaft and a second outer ring raceway formed on an inner periphery of the outer ring member, and

a low expansion ring press fit around an outer periphery of the outer ring member, wherein the low expansion ring is made of a material having a coefficient of linear expansion which is lower than the coefficient of linear expansion of the outer ring member,

15 the inner ring is secured on the shaft with applying an appropriate amount of preload thereon, and

wherein the shaft is secured on the base member to extend therefrom, and a central portion of the rotational member is fit over the outer periphery of the outer ring member.

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*Marked Up Copy of Rewritten Claims*

3 (Twice Amended).A motor having a rotational member rotatably supported through a bearing device provided on a base member thereof, said bearing device including;

- a shaft to which an inner ring is fit slidably therearound,
- 5 a cylindrical outer ring member surrounding the shaft,
- a plurality of balls of a first row interposed between a first inner ring raceway formed on an outer periphery of the inner ring and a first outer ring raceway formed [farmed] on an inner periphery of the outer ring member,
- 10 a plurality of balls of a second row interposed between a second inner ring raceway formed directly on an outer periphery of the shaft and a second outer ring raceway formed on an inner periphery of the outer ring member, and
- 15 a low expansion ring press fit around an outer periphery of the outer ring member, wherein the low expansion ring is made of a material having a coefficient of linear expansion which is lower than the coefficient of linear expansion of the outer ring member, and
- the inner ring is secured on the shaft with applying an appropriate amount of preload thereon.

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5 (Twice Amended). A motor having a rotational member rotatably supported through a bearing device provided on a base member thereof, said bearing device including:

a shaft to which an inner ring is fit slidably therearound,  
5 a cylindrical outer ring member surrounding the shaft,  
a plurality of balls of a first row interposed between a first inner ring raceway formed on an outer periphery of the inner ring and a first outer ring raceway formed  
[farmed] on an inner periphery of the outer ring member,  
a plurality of balls of a second row interposed between a second inner ring  
10 raceway formed directly on an outer periphery of the shaft and a second outer ring raceway formed on an inner periphery of the outer ring member, and  
a low expansion ring press fit around an outer periphery of the outer ring member,  
wherein the low expansion ring is made of a material having a coefficient of  
15 linear expansion which is lower than the coefficient of linear expansion of the outer ring member,  
the inner ring is secured on the shaft with applying an appropriate amount of  
preload thereon, and  
wherein the shaft is secured on the base member to extend therefrom, and a  
20 central portion of the rotational member is fit over the outer periphery of the outer ring member.